Land 1 4 4 3 4 7 4 7

SEP 14 2005 10:12 FR 00

PTO/58/08A (08-03)

Approved for use through 07/31/2009, OMB 0631-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Papageon Reduction Act of 1895, no persons are required to respond to a collection of information unless it contains a valid QMB control number. Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**** *** * 6

(Use as many sheets as necessary)

Lo	Сотріете ії Кложіі						
Application Number	09/995,499						
Filing Date	11/26/2001						
First Named Inventor	Yudong Yang						
Art Unit	2153						
Examiner Name	GLENTON B BURGESS						
Attorney Docket Number	MS1 0871US	_					

			U. S. PATEN	DOCUMENTS	
Exeminer Initials*	Cae No.	Document Number Number-Kind Code ^{2 of Invent}	Publication Date MM-OD-YYYY	Name of Palentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
15	 	US- 20010054049	12/20/2001	Maeda, Junji; et al	
~~7		US- 20020156807	10/24/2002	Dieberger, Andreas	
		us- 20030037076	2/20/2003	Bravery, Andrew Jame	
		US- 20030101203	5/29/2003	Chen, Jin-Lin; et a	
AS		^{US-} 5704029	12/30/1997	Wright	
719_		US-			
		US-			
		U\$-			
		US-			
		US-			
		U&-			
		US-			
		US-			
		U\$-			
		U8-			
		US-			
		US-			
		US-		_	
		US-			

Cite No.'	Foreign Patent Document	PATENT DOCUM Publication Date	Name of Paterdes or Applicant of Cited Document	Pages, Columns, Lines, Where Relevent Pessages Or Rolevant Figures Appear	_
	Coursey Code ³ Number ⁴ Med Code ³ (ct totalen)	MIM-DD-YYYY			۴
	2				
		7			_
	CRe No.'	No.'	No.' Date	No.' Date Applicant of Cited Document	No.* Date Applicant of Cited Document Where Relevant Passages MANA-DD-YYYY Applicant of Cited Document Where Relevant Passages Or Relevant Figures Appear

*EXAMINER: Initial if reference considered whether or fot citation is in conformance with MPEP 609. Draw line through citation of not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. Enter Office that issued the document, by the two-letter code (WPO Standard ST.3), For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the certal number of the patent document. Send of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is ettached:

Transcion is discribed:
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. Confidentisting is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form, and/or suggestions for reducing this furner, should be sent to the Chief information Officer, U.S. Patent and Trademark Officer, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

MAR 3 0 2005 S

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known						
Application Number	09/995,499					
Filing Date	11/26/2001					
First Named Inventor	Yudong Yang					
Group Art Unit	2153					
Examiner Name	Strange, A.	_				
Attorney Docket Number	MS1-871US	7				

				U.S. PATENT DOCU	IMENTS	
Examiner Initials*	God Code2		Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
A5		2004/0086046		Ma et al.	05-06-2004	
	_	2004/0088726		Ma et al.	05-06-2004	
		2004/0085341		Hua et al.	05-06-2004	
		2004/0187080		Brooke et al.	09-23-2004	
		6,023,714		Hill et al.	02-08-2000	
		2002/0099829		Richards et al.	07-25-2002	
		6,300,947		Kanevsky	10-09-2001	
	-	5,537,526		Anderson et al.	7/16/1996	
		6,556,217		Makipaa et al.	04-29-2003	
As		6,564,263		Bergman et al.	05-13-2003	
			+		1	
			<u> </u>			
	·····			· · · · · · · · · · · · · · · · · · ·		
	-		_			
$\vdash \vdash \vdash$		<u> </u>			 	
$\vdash \vdash \vdash$						

				FORE	IGN PATENT DOCUMEN	rs	'	
Examiner Initials	Cite No.1	Office ³	Foreign Patent Do	Cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant	Tre
	Cinco Control (in bilbari)		MM-UU-YYYY	Figures Appear	+-			
								1_
					•			1
								1
					······································	†****** *		+-
		 				-	 	╁
		 					<u></u>	╂—
								↓_
i								
								T
					_		······································	✝
			11		/	·	 .	
Exami Signat		,	//		~	Date Considered	12/12/00	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type	a	plus	sign	(+)	inside	this	box	→	+

Substitute for form 1449B/PTO					Co	omplete if Known	
					Application Number	09/995,499	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Filing Date	11/26/2001	
					First Named Inventor	Yudong Yang	
•			, , , ,	2.07 (()	Group Art Unit	2153	
(use as many sheets as necessary)				essary)	Examiner Name	Strange, A.	
Sheet 2 of 2		Attorney Docket Number	MS1-871US				

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2					
AS		M.A. SMITH & T. KANADE, "Video Skimming and Characterization through the Combination of Image and Language Understanding Techniques," Proc. of Computer Vision and Pattern Recognition, 1997 IEEE, pp. 775-781.						
		L. ITTI & C. KOCH, "Computational Modelling of Visual Attention," Nature Reviews/Neuroscience, Vol. 2, March 2001, pp. 1-11.						
		L. ITTI, C. KOCH & E. NIEBUR, "A Model of Saliency-based Visual Attention for Rapid Scene Analysis," IEEE Trans. on Pattern Analysis and Machine Intelligence, 1998, 5 pages.						
	1	L. ITTI & C. KOCH, "A Comparison of Feature Combination Strategies for Saliency-Based Visual Attention Systems," Proc. of SPIE Human Vision and Electronic Imaging IV (HVEI'99), San Jose, CA, Vol. 3644, 10 pages, Jan. 1999.						
		YU-FEI MA & HONG-JIANG ZHANG, "A New Perceived Motion Based Shot Content Representation," Microsoft Research China, 4 pages.						
YU-FEI MA & HONG-JIANG ZHANG, "A Model of Motion Attention for Video Skimming," N Research Asia, 4 pages.								
		COLIN O'TOOLE et al., "Evaluation of Automatic Shot Boundary Detection on a Large Video Test Suite," School of Computer Applications & School of Electronic Engineering, Dublin City University, Glasnevin, Dublin, Ireland, Challenge of Image Retrieval, Newcastle, 1999, pp. 1-12.						
		T. LIN, H.J. ZHANG, Q.Y. SHI, "Video Scene Extraction by Force Competition," IEEE Intl. Conference on Multimedia and Expo (ICME 001), Waseda University, Tokyo, Japan, August 22-25, 2001, 4 pages.						
		LEE, KEANSUB et al., "Perception-Based Image Transcoding for Universal Multimedia Access," School of Electrical Engineering Korea University, Seoul, Korea, 2001 IEEE, pp. 475-478.						
	CHRISTOPOULOS, CHARILAOS et al., "The JPEG2000 Still Image Coding System: An Ov IEEE Transactions on Consumer Electronics, Vol. 46, No. 4, pp. 1103-1127, November 2000							
AS		CHEN, JINLIN et al., "Function-based Object Model Towards Website Adaptation," (2001) Proc. of the 10th Int. WWW Conf. 10 pages.						
Cueri-	. T	11 12 12 12						
Examine Signature	•	Date						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.